

United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

25310

7590

08/18/2006

VOLPE AND KOENIG, P.C. DEPT. ATI UNITED PLAZA, SUITE 1600 30 SOUTH 17TH STREET PHILADELPHIA, PA 19103

EXAMINER						
CRIBBS, MALCOLM D						
ART UNIT	PAPER NUMBER					

2115 DATE MAILED: 08/18/2006

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/813,595	03/30/2004	Andrej Zdravkovic	ATI-000148BT.1	4389

TITLE OF INVENTION: SYSTEM AND METHOD FOR REDUCING POWER CONSUMPTION BY ESTIMATING ENGINE LOAD AND REDUCING

ENGINE CLOCK SPEED

APPLN, TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	11/20/2006

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAÏD ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current **SMALL ENTITY status:**

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B -Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

CREATE CARRENT CORRENOUNCE ADDRESS (sheet the Block I for my change of sideress) CREATE CARRENT CORRENOUNCE ADDRESS (sheet the Block I for my change of sideress) COLPE AND KOENIG, P.C. DEPT. ATI UNITED PLAZA, SUITE 1600 30 SOUTH 17TH STREET PHILADELPHIA, PA 19103 APPLICATION NO. FILING DATE FIRST NAMED INVESTOR (Signature) APPLICATION NO. FILING DATE FIRST BOOK CITED ON THE PARTICLE OF THE PARTICLE OF TOTAL FEE(S) DUE DATE DUE APPLICATION NO. FILING NO. FIRST NO. FIRST NO. FIRST NO. FI	appropriate. All further of indicated unless corrected	correspondence including d below or directed other	for trans ng the I herwise	smitting the ISSU Patent, advance of in Block 1, by (a	JE FEE and PUBLIC rders and notification a) specifying a new c	of n	ON FEE (if requi naintenance fees w spondence address;	red). I vill be and/or	Blocks I through 5 sho mailed to the current or (b) indicating a separ	ould be completed where correspondence address as ate "FEE ADDRESS" for
23310 7590 08182086 VOLPE AND KOENIG, P.C. DEPT. ATI UNITED PLAZA, SUITE 1600 30 SOUTH 17TH STREET PHILADELPHIA, PA 19103 APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10813,595 0330/2004 Andrej Zdavkovis ATI-000148BT.1 4389 TITLE OF INVENTION: SYSTEM AND METHOD FOR REDUCTING POWER CONSUMPTION BY ESTIMATING ENGINE LOAD AND REDUCING POWER CONSUMPTION BY ESTIMATING ENGINE LO			lock 1 for	any change of address)		Fee((s) Transmittal. Thi ers. Each additiona	s certif I paper	icate cannot be used fo , such as an assignmen	r any other accompanying
VOLPE AND KOENIG, P.C. DEPT. ATI UNITED PLAZA, SUITE 1600 30 SOUTH 17TH STREET PHILADELPHIA, PA 19103 APPLICATION NO FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10813,595 03,092.094	25310	7590 08/18	3/2006			nave				
UNITED PLAZA, SOTTE 1600 30 SOUTH 17TH STREET PHILADELPHIA, PA 19103 Chapped Cha						r t	Cer	tificate	of Mailing or Transn	nission
UNITED PLAZA, SOTTE 1600 30 SOUTH 17TH STREET PHILADELPHIA, PA 19103 Chapped Cha		COENIG, P.C.				Stat	reby certify that the es Postal Service w	is ree(: vith suf	s) I ransmittal is being ficient postage for first	class mail in an envelope
APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10/813,595 03/30/2004 Andrej Zdravkovic ATT-000148BT.1 4389 TITLE OF INVENTION: SYSTEM AND METHOD FOR REDUCING POWER CONSUMPTION BY ESTIMATING ENGINE LOAD AND REDUCING ENGINE CLOCK SPEED APPLN. TYPE SMALL ENTITY ISSUE FEE DUE PUBLICATION FEE DUE PREV. PAID ISSUE FEE TOTAL FEE(S) DUE DATE DUE unoprovisional NO \$1400 \$3300 \$0 \$1700 \$11/20/2006 EXAMINER ART UNIT CLASS-SUBCLASS CRIBSS, MALCOLIN D 2115 713-320000 1. Change of correspondence address or indication of "Fee Address" (37 17-320000) 1. Change of correspondence address or indication of "Fee Address" indication (or "Ree Address" i		CITTE 1600				addı	ressed to the Mail	Stop	ISSUE FEE address a	above, or being facsimile
APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10713,595 03/30/2004 Andrej Zdravkovic ATI-000148BT.1 4389 TITLE OF INVENTION: SYSTEM AND METHOD FOR REDUCING POWER CONSUMPTION BY ESTIMATING ENGINE LOAD AND REDUCING ENGINE CLOCK SPEED APPLN. TYPE SMALL ENTITY ISSUE FEE DUE PUBLICATION FEE DUE PREV. PAID ISSUE FEE TOTAL FEE(S) DUE DATE DUE nonprovisional NO \$1400 \$300 \$0 \$1700 11/20/2006 EXAMINER ART UNIT CLASS-SUBCLASS CRIBBS, MALCOLM D 2115 713-320000 L. Change of correspondence address or indication of "Fee Address" (37 [FR 1.363). Change of correspondence address (or Change of Correspondence Address from PTO/SB/1/22) attached. Type Address' indication (or "Fee Address" Indication (or "F		-				uan	similed to the OSF	10 (37	1) 273-2863, On the ta	te mulcated below.
APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10/813,595 03/30/2004 Andrej Zdravkovie AT1-000148BT.1 4389 HTTLE OF INVENTION: SYSTEM AND METHOD FOR REDUCING POWER CONSUMPTION BY ESTIMATING ENGINE LOAD AND REDUCING PROVING PREVAIL STATE OF THE LOAD AND REDUCING POWER CONSUMPTION BY ESTIMATING ENGINE LOAD AND REDUCING PREVAIL STATE OF THE LOAD AND REDUCING POWER CONSUMPTION BY ESTIMATING ENGINE LOAD AND REDUCING PREVAIL STATE OF THE LOAD AND REDUCING POWER CONSUMPTION BY ESTIMATING ENGINE ENGINE FOR THE LOAD AND REDUCING POWER CONSUMPTION BY ESTIMATING ENGINE ENGINE FOR THE LOAD AND REDUCING POWER CONSUMPTION BY ESTIMATING ENGINE ENGINE FOR THE LOAD AND REDUCING POWER CONSUMPTION BY ESTIMATING ENGINE ENGINE FOR THE LOAD AND REDUCING POWER CONSUMPTION BY ESTIMATING ENGINE ENGINE FOR THE LOAD AND REDUCING POWER CONSUMPTION BY ESTIMATING ENGINE ENGINE FOR THE LOAD AND REDUCING POWER CONSUMPTION BY ESTIMATING ENGINE ENGINE FOR THE LOAD AND REDUCING POWER CONSUMPTION BY ESTIMATING ENGINE ENGINE FOR THE LOAD AND REDUCING POWER CONSUMPTION BY ESTIMATION REDUCING PREVAIL AND RESIDENCE GOVERNMENT STATE OR COUNTRY) 1. Change of correspondence address or indication of "Fee Address" Indication of "Fee Address" Indication for Tree Address "Indication of Tree Address "Indication for Tree Address "Indication f										(Depositor's name)
APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10/813,595 03/30/2004 Andrej Zdravkovie ATI-000148BT.1 4389 TITLE OF INVENTION: SYSTEM AND METHOD FOR REDUCING POWER CONSUMPTION BY ESTIMATING ENGINE LOAD AND REDUCING ENGINE CLOCK SPEED APPLN. TYPE SMALL ENTITY ISSUE FEE DUE PUBLICATION FEE DUE PREV. PAID ISSUE FEE TOTAL FEE(s) DUE DATE DUE nonprovisional NO \$1400 \$300 \$0 \$1700 11/20/2006 EXAMINER ART UNIT CLASS-SUBCLASS TOTAL FEE(s) DUE DATE DUE CLASS-SUBCLASS TOTAL FEE(s) DUE DATE DUE CLASS-SUBCLASS TOTAL FEE(s) DUE DATE DUE DATE DUE CLASS-SUBCLASS TOTAL FEE(s) DUE DATE DUE CLASS-SUBCLASS TOTAL FEE(s) DUE DATE DUE CLASS-SUBCLASS TOTAL FEE(s) DUE DATE DUE DATE DUE CLASS-SUBCLASS TOTAL FEE(s) DUE DATE DUE D	THEREBERN	1, 171 17103								(Signature)
10/813,595 03/30/2004 Andrej Zdravkovic ATI-000148BT.1 4389 HTTLE OF INVENTION: SYSTEM AND METHOD FOR REDUCING POWER CONSUMPTION BY ESTIMATING ENGINE LOAD AND REDUCING ENGINE CLOCK SPEED APPLN. TYPE SMALL ENTITY ISSUE FEE DUE PUBLICATION FEE DUE PREV. PAID ISSUE FEE TOTAL FEE(S) DUE DATE DUE nonprovisional NO \$1400 \$300 \$0 \$1700 11/20/2006 EXAMINER ART UNIT CLASS-SUBCLASS CRIBBS, MALCOLM D 2115 713-320000 [Change of correspondence address or indication of "Fee Address" indication form PTC/SB/1/27] antached. "Fee Address" indication (or "Fee Address" Indication form PTC/SB/1/27] antached. "Fee Address" indication for "Fee Address" indication form PTC/SB/1/27] antached. "Fee Address" indication for "Fee Address" indication form PTC/SB/1/27] and SSIGNIER NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignce is identified below, no assignce data will appear on the patent. If an assignce is identified below, the document has been filed for recordation as set forth in 97 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) PLease check the appropriate assignce category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government 4a. The following fee(s) are submitted: Subscience of Court of Copies Publication Fee (No small entity discount permitted) Payment to Fee(s): (Please first reapply any previously paid issue fee shown above) Payment to Epochal Account Number Payment to Fee(s): (Please first reapply any previously paid issue fee shown above) Payment to Epochal Account Number Payment to Pochal Account Number Payment to Fee(s): (Please first reapply any previously paid issue fee shown above) Payment to Epochal Account Number Payment to Fee(s): (Please first reapply any previously paid issue fee shown above) Payment to Epochal Account Number Payment to Epochal Account Number Payment to Ep										(Date)
APPLN. TYPE SMALL ENTITY ISSUE FEE DUE PUBLICATION FEE DUE PREV. PAID ISSUE FEE TOTAL FEE(s) DUE DATE DUE nonprovisional NO \$1400 \$300 \$0 \$1700 \$11/20/2006 EXAMINER ART UNIT CLASS-SUBCLASS CRIBBS, MALCOLM D 2115 713-320000 1. Change of correspondence address or indication of "Fee Address" (37) [FR 1.363). Change of correspondence address (or Change of Correspondence Address from FUO/SB/12/2) attached. "Fee Address' indication (or "Fee Address" indication form PTO/SB/12/2) attached. "Fee Address' indication (or "Fee Address" indication form PTO/SB/12/2) attached. "BEASE NOTE: Unless an assignee is identified below, to assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government 4a. The following fee(s) are submitted: APPLENDIGUAGE OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) 4b. Payment of Fee(s): (Please first reapply any previously paid Issue fee shown above) APPLENDIGUAGE OF ASSIGNEE (B) Payment of Fee(s): (Please first reapply any previously paid Issue fee shown above) APPLENDIGUAGE OF ASSIGNEE (B) Payment of Fee(s): (Please first reapply any previously paid Issue fee shown above) APPLENDIGUAGE OF ASSIGNEE (B) Payment of Fee(s): (Please first reapply any previously paid Issue fee shown above) APPLENDIGUAGE OF ASSIGNEE (B) Payment of Fee(s): (Please first reapply any previously paid Issue fee shown above) APPLENDIGUAGE OF ASSIGNEE (C) Payment of Fee(s): (Please first reapply any previously paid Issue fee shown above) APPLENDIGUAGE OF ASSIGNEE (B) Payment of Fee(s): (Please first reapply any previously paid Issue fee shown above) APPLENDIGUAGE OF ASSIGNEE (C) Payment of Fee(s): (Please first rea	APPLICATION NO.	FILING DATE			FIRST NAMED INVEN	TOR		АТТО	RNEY DOCKET NO.	CONFIRMATION NO.
APPLN. TYPE SMALL ENTITY ISSUE FEE DUE PUBLICATION FEE DUE PREV. PAID ISSUE FEE TOTAL FEE(s) DUE DATE DUE nonprovisional NO \$1400 \$300 \$0 \$1700 \$11/20/2006 EXAMINER ART UNIT CLASS-SUBCLASS CRIBBS, MALCOLM D 2115 713-320000 1. Change of correspondence address or indication of "Fee Address" (37) [FR 1.363). Change of correspondence address (or Change of Correspondence Address from FUO/SB/12/2) attached. "Fee Address' indication (or "Fee Address" indication form PTO/SB/12/2) attached. "Fee Address' indication (or "Fee Address" indication form PTO/SB/12/2) attached. "BEASE NOTE: Unless an assignee is identified below, to assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government 4a. The following fee(s) are submitted: APPLENDIGUAGE OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) 4b. Payment of Fee(s): (Please first reapply any previously paid Issue fee shown above) APPLENDIGUAGE OF ASSIGNEE (B) Payment of Fee(s): (Please first reapply any previously paid Issue fee shown above) APPLENDIGUAGE OF ASSIGNEE (B) Payment of Fee(s): (Please first reapply any previously paid Issue fee shown above) APPLENDIGUAGE OF ASSIGNEE (B) Payment of Fee(s): (Please first reapply any previously paid Issue fee shown above) APPLENDIGUAGE OF ASSIGNEE (B) Payment of Fee(s): (Please first reapply any previously paid Issue fee shown above) APPLENDIGUAGE OF ASSIGNEE (C) Payment of Fee(s): (Please first reapply any previously paid Issue fee shown above) APPLENDIGUAGE OF ASSIGNEE (B) Payment of Fee(s): (Please first reapply any previously paid Issue fee shown above) APPLENDIGUAGE OF ASSIGNEE (C) Payment of Fee(s): (Please first rea	10/912 505	03/30/2004			Andrei 7dmykovi			Δ.	TI_000148BT 1	4380
APPLN.TYPE SMALL ENTITY ISSUE FEE DUE PUBLICATION FEE DUE PREV. PAID ISSUE FEE TOTAL FEE(S) DUE DATE DUE nonprovisional NO \$1400 \$300 \$0 \$1700 11/20/2006 EXAMINER ART UNIT CLASS-SUBCLASS CRIBS, MALCOLM D 2115 713-320000 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1,363). 1. Change of correspondence address (or Change of Correspondence Address form PTO/SBI/122) attached. 1. Change of correspondence address (or Change of Correspondence Address form PTO/SBI/122) attached. 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents. If no name will be printed attorney or agents. If no name will be printed. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignce is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government data. The following fee(s) are submitted: 4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) Status Fee Data D	·		UOD E	OR REDUCING I	•		DV POTRAATRA			
Registration No. S1400 \$300 \$0 \$1700 \$1120/2006 EXAMINER			HOD FO	JR REDUCING I	OWER CONSUMP	ION	BI ESIMMIN	G ENG	TIME LOAD AND REL	JUCING
CRIBBS, MALCOLM D 2115 713-320000 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.563). 1. Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents CR, lateratively, (2) the name of a single firm (having as a member a registered patent attorneys or agents CR, lateratively, (3) the name of a single firm (having as a member a registered patent attorneys or agents. If no name is one prior SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government 4a. The following fee(s) are submitted: Subject of the country of the substitute of the country	APPLN, TYPE	SMALL ENTITY	ISS	SUE FEE DUE	PUBLICATION FEE I	DUE	PREV. PAID ISSU	E FEE	TOTAL FEE(S) DUE	DATE DUE
CRIBBS, MALCOLM D 2115 713-320000 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.53). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. Change in Entity Status (from status indicated above) Change in Entity Status (from status indicated above) Advance Order - # of Copies Change in Entity Status (from status indicated above) A check is enclosed. Payment of Fee (No small entity discount permitted) Change in Entity Status (from status indicated above) A check is enclosed. Payment of Fee (No small entity discount permitted) Change in Entity Status (from status indicated above) A check is enclosed. Payment of Fee (No small entity discount permitted) Change in Entity Status (from status indicated above) A check is enclosed. Payment of Fee (No small entity discount permitt	nonprovisional	NO		\$1400	\$300		\$0		\$1700	11/20/2006
1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. Change of correspondence address (or Change of Correspondence Address" Indication (or "Fee Address" Indication form PTO/SB/122) attached. Fee Address" indication (or "Fee Address" Indication form PTO/SB/122) or more recent) attached. Use of a Customer Number is required. Change of correspondence address (or Change of Correspondence Address of the Indication form PTO/SB/122) attached. Use of a Customer Number is required. Change of correspondence address (or Change of Correspondence Address of the Indication form PTO/SB/122) attached. Use of a Customer Number is required. Change of correspondence address (or Change of Correspondence Address of the Indication form Indication form Indication	EXAMI	EXAMINER ART UNIT CLASS-SUBCLASS								
Change of correspondence address (or Change of Correspondence Change of	CRIBBS, MA	LCOLM D		2115	713-320000		•			
Change of correspondence address (or Change of Correspondence Address from PTO/SB/12) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government 4a. The following fee(s) are submitted: Same of the patent attorneys or agents and the names of up to 2 registered patent attorneys or agent and make a member a registered patent attorneys or agents and the names of up to 2 registered patent attorneys or agent) and the names of up to 2 registered patent attorneys or agent) and the names of up to 2 registered patent attorneys or agents attended a per patent attorneys or agents and the names of up to 2 registered patent attorneys or agents and the names of up to 2 registered patent attorneys or agents. If no name will be printed on the patent attorneys or agents. If no name is 1 significant programment is 1 step to 2 registered patent and the patent and the patent attorneys or agents. If no name is 1 significant programment is 1 step to 3 to 3 registered patent attorneys or agents. If no name is 1 significant programment are 1 single firm the patent attorneys or agents. If no name is 1 significant programment are 1 single firm the patent attorneys or agents. If no name is 1 significant programment are 1 single firm the patent. If an assignee is identified below, the document has been filed for recordation assignment. (A) NAME OF ASSIGNEE About 1	1. Change of corresponde	nce address or indication	n of "Fe	ee Address" (37	2. For printing on	the p	atent front page, lis	st		
"Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Sumber is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government data. The following fee(s) are submitted: 4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) A check is enclosed. Payment of yerdit card. Form PTO-2038 is attached. Advance Order - # of Copies Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form). 5. Change in Entity Status (from status indicated above) A applicant claims SMALL ENTITY status. See 37 CFR 1.27. D b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). Authorized Signature Date		ondence address (or Cha	ange of (Correspondence	or agents OR, alternatively,					
PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government 4a. The following fee(s) are submitted: A check is enclosed. A check is enclosed. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form). 5. Change in Entity Status (from status indicated above) A payment by credit card. Form PTO-2038 is attached. Payment by credit card. For					(2) the name of a	singl	e firm (having as a	memb	era ²	
PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government data. The following fee(s) are submitted: Issue Fee	PTO/SB/47; Rev 03-02	2 or more recent) attack	hed. Use	e of a Customer	2 registered patent	atto	rneys or agents. If	no nam	ne is 3	
(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent):	3. ASSIGNEE NAME AN	ND RESIDENCE DATA	а то в	E PRINTED ON	THE PATENT (print	or typ	pe)			<u> </u>
Please check the appropriate assignee category or categories (will not be printed on the patent):	PLEASE NOTE: Unle recordation as set forth	ess an assignee is ident in 37 CFR 3.11. Com	tified be pletion o	clow, no assignee of this form is NO	data will appear on t T a substitute for filin	he p g an	atent. If an assign assignment.	ee is id	dentified below, the do	cument has been filed for
4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) Issue Fee	(A) NAME OF ASSIC	NEE			(B) RESIDENCE: (C	CITY	and STATE OR C	TOUNT	TRY)	
4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) Issue Fee										
4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) Issue Fee	Please check the annrong	ota ossignaa ootagony o	r cotego	ries (will not be no	rinted on the natent) :		Individual D.C.	momt	ion or other private gra	un antitu D Gavernment
Issue Fee	rease effect the appropri	ate assignee eategory of	Catego	ites (will not be pi	inica on the patent).		marviduai 🚨 Co	проган		up chary — Government
Publication Fee (No small entity discount permitted) Advance Order - # of Copies The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number Change in Entity Status (from status indicated above) a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. Do Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. Authorized Signature Date Registration No. Registration No.		re submitted:		41	o. Payment of Fee(s):	(Plea	ise first reapply ai	ıy prev	iously paid issue fee s	hown above)
Advance Order - # of Copies										
5. Change in Entity Status (from status indicated above) a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. Authorized Signature Date Typed or printed name Registration No.	Publication Fee (No	o small entity discount	permitte	ed)						
5. Change in Entity Status (from status indicated above) a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. Authorized Signature Date Typed or printed name Registration No.	Advance Order - # of Copies			The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any						
□ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. □ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. Authorized Signature	5 Change in Entity Stat	ua (fram atatua indiaata	d abaua	<u> </u>	overpayment, to	Беро	SIL Account Number		(chelose an	cxua copy of uns form).
NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. Authorized Signature					☐ b. Applicant is no	o lon	ger claiming SMA	LL EN	TITY status. See 37 CF	R 1.27(g)(2).
Authorized Signature Date Typed or printed name Registration No					• • •					
Typed or printed name Registration No	interest as shown by the n	ecords of the United Sta	ates Pate	ent and Trademark	Office.		*		****	
	Authorized Signature						Date			
This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will your depending upon the individual case. Any complete application of the application form to the USPTO.							Registration N	ło		· · · ·
	This collection of informa an application. Confident	ation is required by 37 Ciality is governed by 35	CFR 1.3 U.S.C.	11. The information 122 and 37 CFR	on is required to obtain	n or i	retain a benefit by t	he pub	lic which is to file (and s to complete, including	by the USPTO to process) g gathering, preparing, and

this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandra, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandra, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/813,595	03/30/2004	Andrej Zdravkovic	ATI-000148BT.1 4389		
25310	7590 08/18/2006		EXAM	INER	
VOLPE AND K	OENIG, P.C.	CRIBBS, MALCOLM D			
DEPT. ATI	,		ART UNIT	PAPER NUMBER	
UNITED PLAZA	, SUITE 1600		2115		
30 SOUTH 17TH	STREET	DATE MAILED: 08/18/200			
PHILADELPHIA	, PA 19103		DATE MAILED. 00/10/200	<i>3</i>	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 276 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 276 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.